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#8 JM 3/26/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	M. A. Kepler et al.		
Serial No.	:	09/532,402	Group Art Unit:	2172
Filed	:	March 22, 2000	Examiner :	A. Ly
Title	:	Method and System for Searching, Accessing and Updating Databases		

LETTER TO OFFICIAL DRAFTSPERSON

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on March 5, 2002 .

Alex L. Yip
Attorney Name

34,759
Registration No.

Signature

March 5, 2002
Date of Signature

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Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants have renumbered previously designated figures 8-11 in the above-identified patent application. Figure 8 has been renumbered and is now figure 8B. Figure 9 has been renumbered and is now figure 8C. Figure 10 has been renumbered and is now figure 11A. Figure 11 has been renumbered and is now figure 11B. Further, applicants have amended figures 8B and 12. A marked-up copy of these figures, with amendments indicated in red is enclosed. A copy of these figures without the red indications is enclosed as well.

New figures 8A, 9 and 10, which are circled in red, have been added. Copies of these new figures with and without the red indications are also enclosed.

Respectfully submitted,

Dated: March 5, 2002
Enclosures

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Doc #30422621.WPD

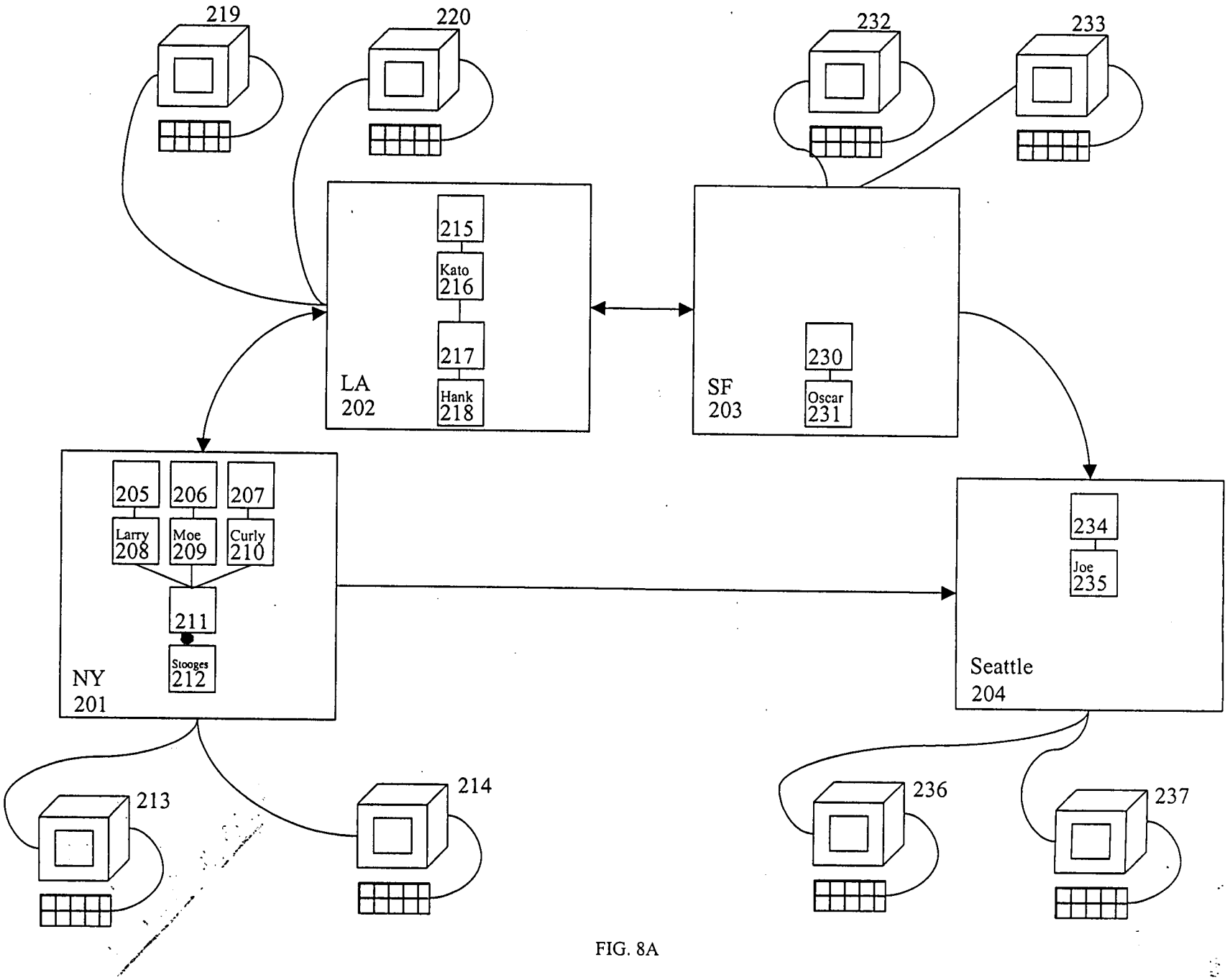
219
220
232
233
215
Kato
216
217
Hank
218
LA
202
230
Oscar
231
SF
203
205
206
207
Larry
208
Moe
209
Curly
210
211
Stooges
212
NY
201
234
Joe
235
Seattle
204
213
214
236
237

FIG. 8A

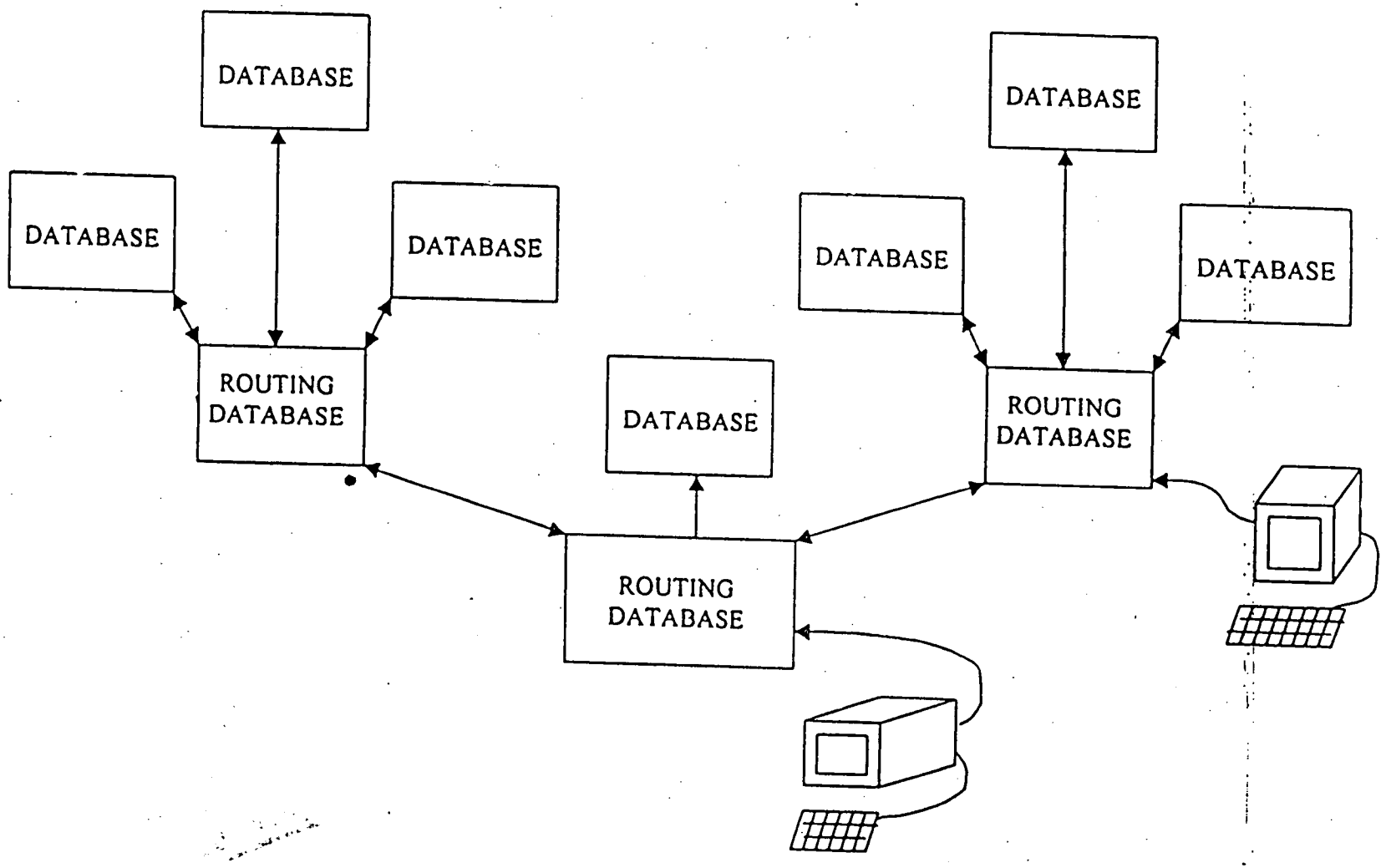
DATABASE
DATABASE
DATABASE
ROUTING DATABASE
DATABASE
DATABASE
DATABASE
DATABASE
ROUTING DATABASE
ROUTING DATABASE

FIG. 8B

UPDATE
DATABASE RECORD

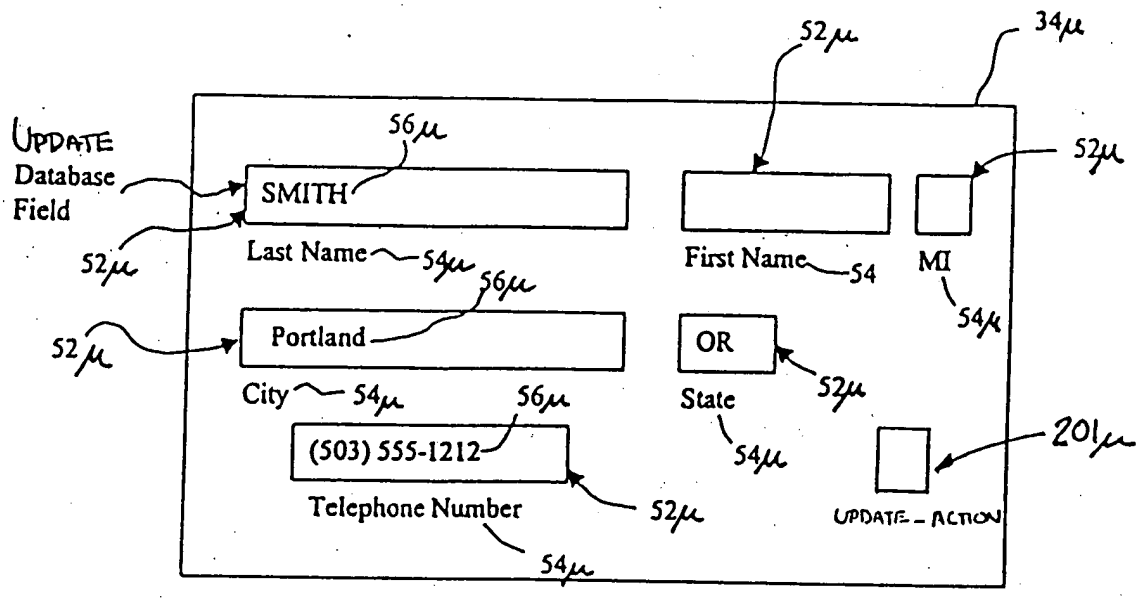

FIG. 11A

UPDATE
SEARCH-ROUTING DATABASE RECORD

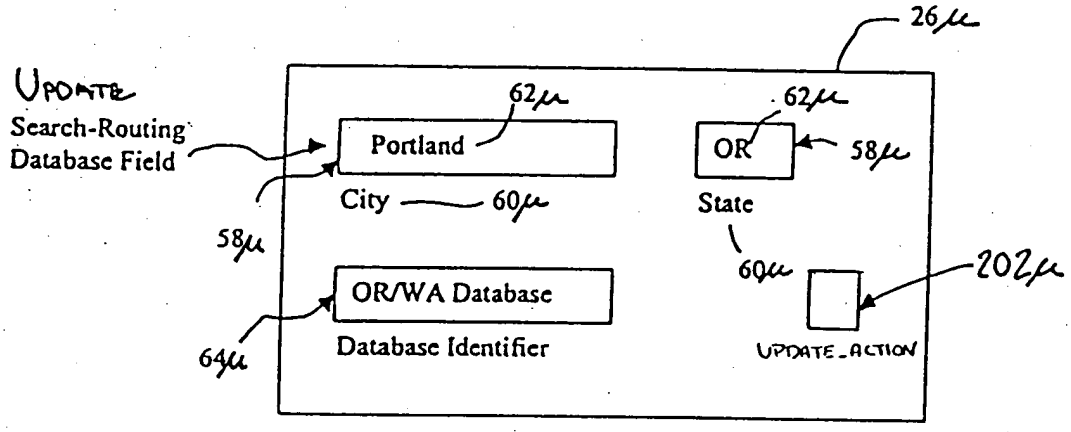

FIG. 11B

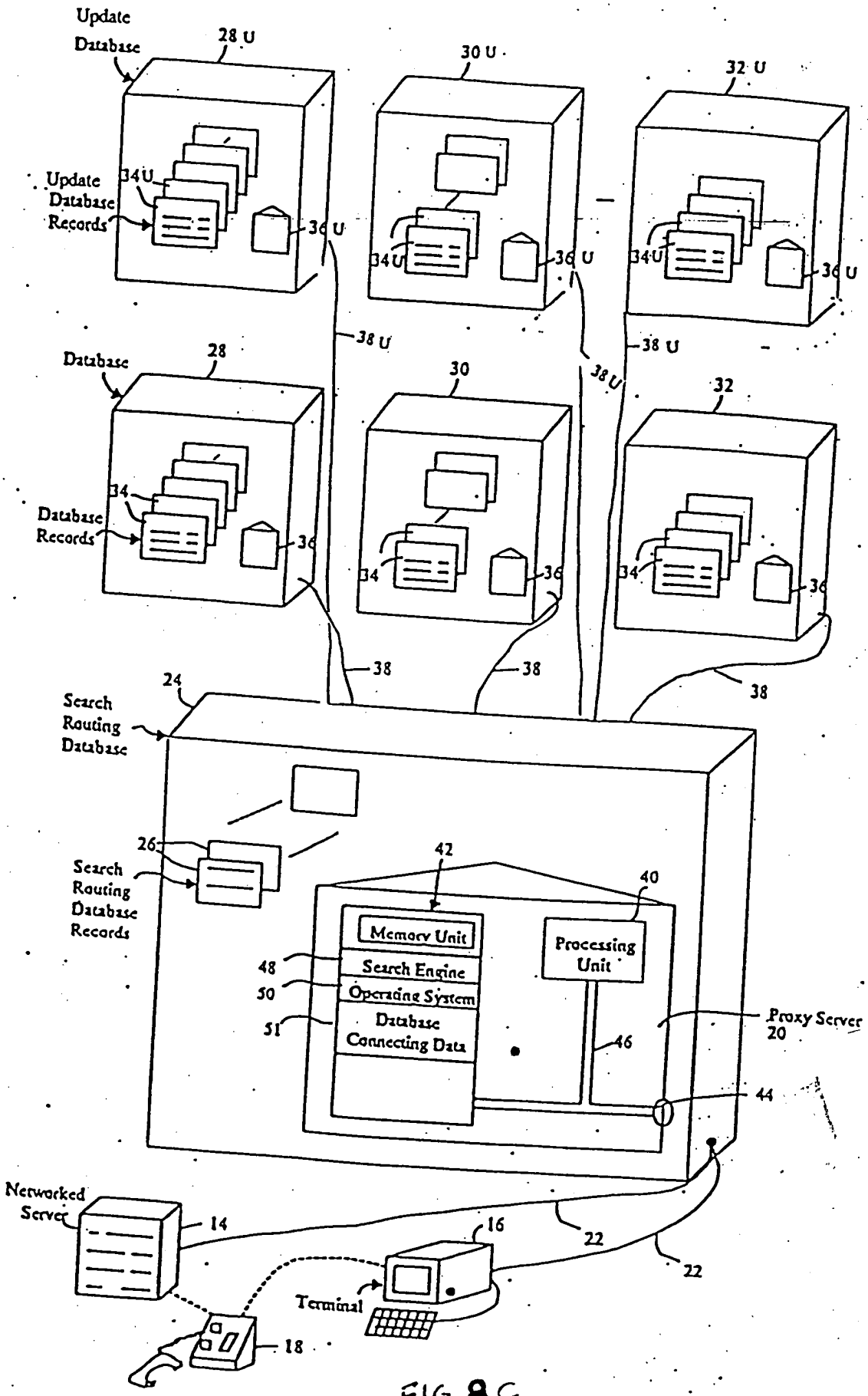
Update Database
28 U
30 U
32 U
Update Database Records
34 U
36 U
38 U
Database
28
30
32
Database Records
34
36
38
24
Search Routing Database
26
Search Routing Database Records
42
40
Memory Unit
Search Engine
Operating System
Database Connecting Data
Processing Unit
48
50
51
46
44
Proxy Server 20
Networked Server
14
16
22
Terminal
18

FIG. 8C

251

New York Office

City	State	Database Server
New York	NY	Larry
New York	NY	Curly
Los Angeles	CA	Hank
San Francisco	CA	Oscar

252

Los Angeles Office

City	State	Database Server
Los Angeles	CA	Kato
New York	NY	Stooges
San Francisco	CA	Oscar

253

San Francisco Office

City	State	Database Server
New York	NY	Stooges
Los Angeles	CA	Hank

260

FIG. 9

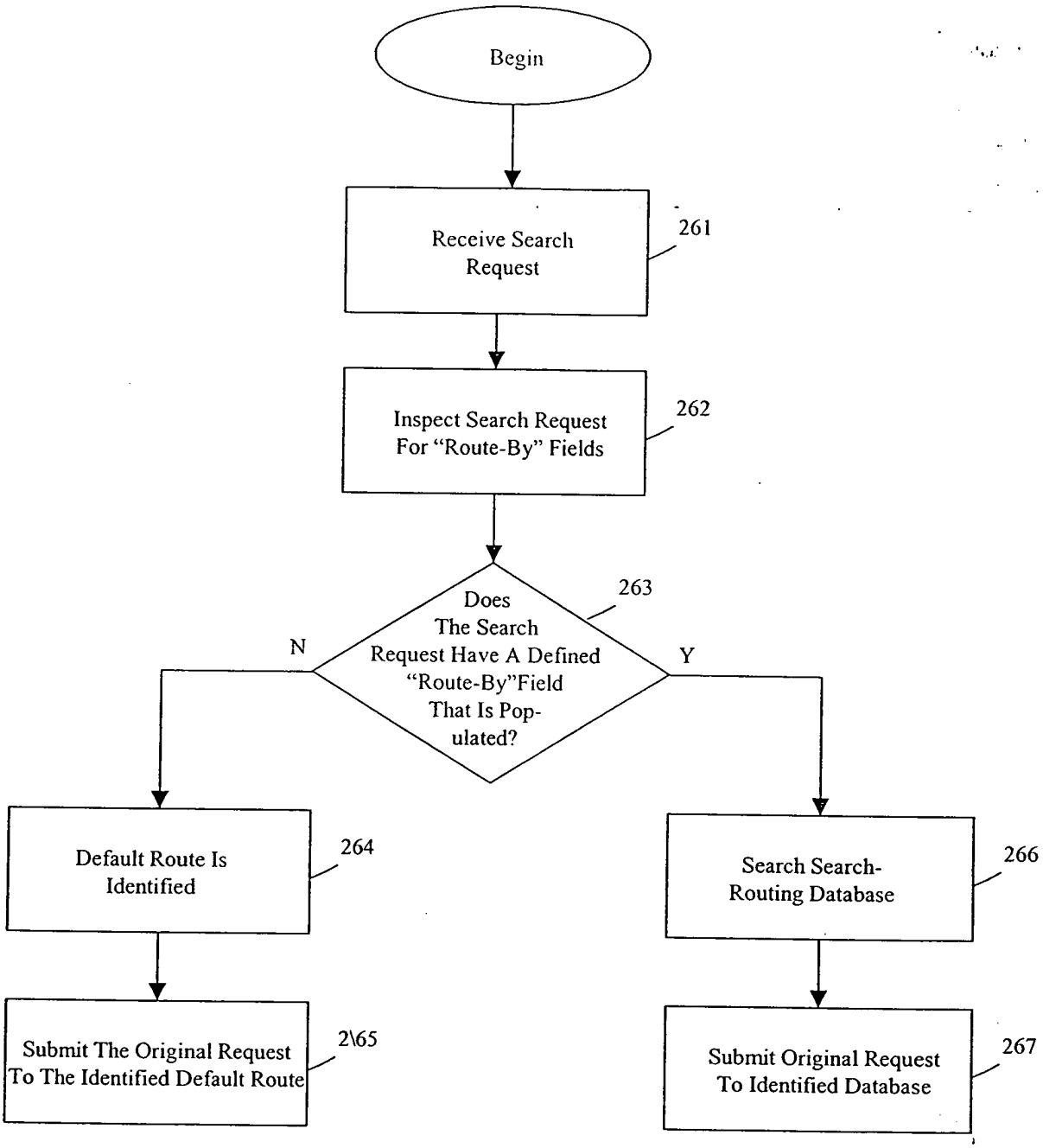
Begin
Receive Search Request
261
Inspect Search Request For "Route-By" Fields
262
Does The Search Request Have A Defined "Route-By"Field That Is Pop-ulated?
263
N
Y
Default Route Is Identified
264
Submit The Original Request To The Identified Default Route
2\65
Search Search-Routing Database
266
Submit Original Request To Identified Database
267

FIG. 10

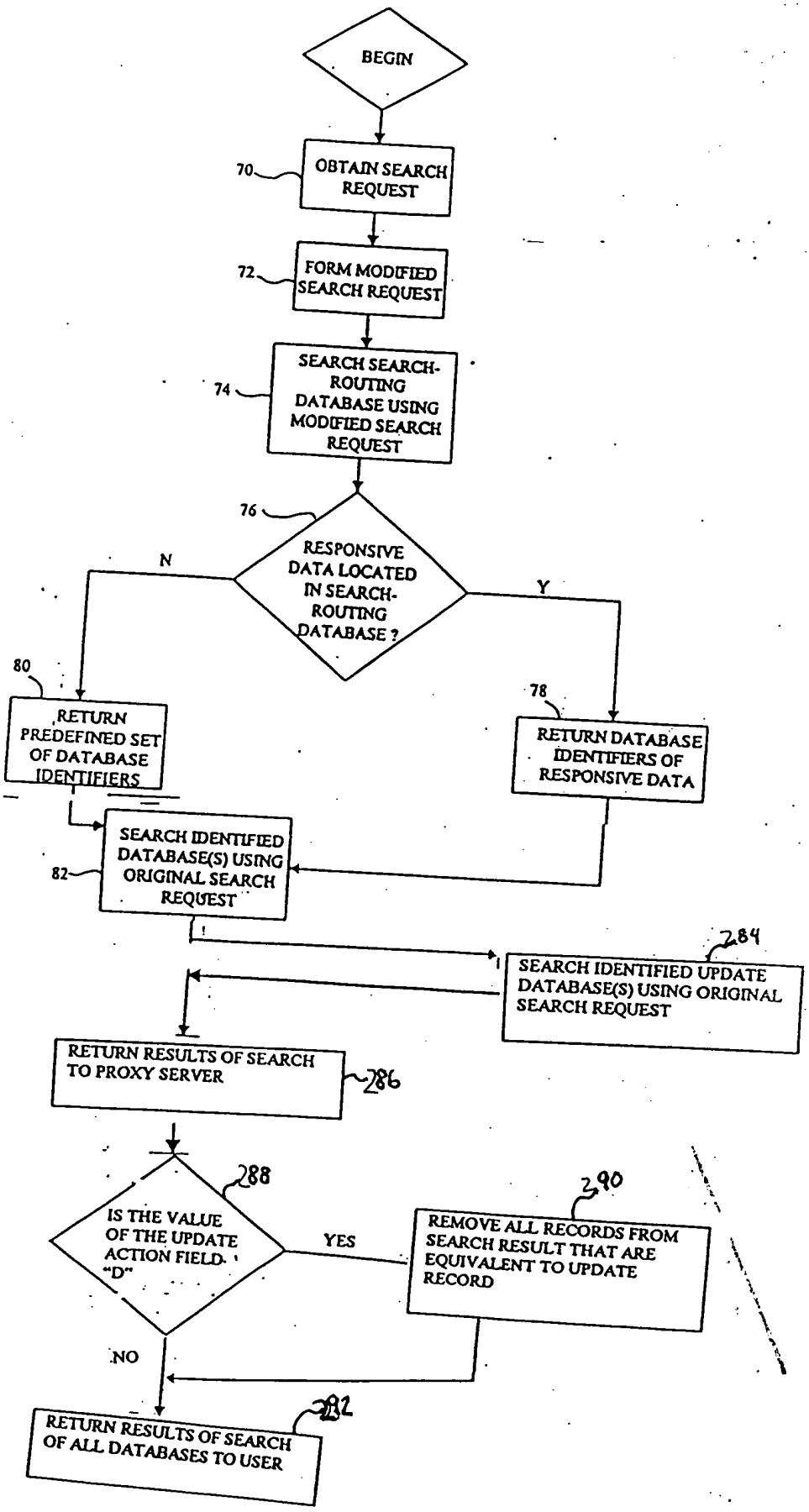
BEGIN
70
OBTAIN SEARCH REQUEST
72
FORM MODIFIED SEARCH REQUEST
74
SEARCH SEARCH-ROUTING DATABASE USING MODIFIED SEARCH REQUEST
76
RESPONSIVE DATA LOCATED IN SEARCH-ROUTING DATABASE ?
N
Y
80
RETURN PREDEFINED SET OF DATABASE IDENTIFIERS
78
RETURN DATABASE IDENTIFIERS OF RESPONSIVE DATA
82
SEARCH IDENTIFIED DATABASE(S) USING ORIGINAL SEARCH REQUEST
284
SEARCH IDENTIFIED UPDATE DATABASE(S) USING ORIGINAL SEARCH REQUEST
RETURN RESULTS OF SEARCH TO PROXY SERVER
286
288
IS THE VALUE OF THE UPDATE ACTION FIELD "D"
YES
290
REMOVE ALL RECORDS FROM SEARCH RESULT THAT ARE EQUIVALENT TO UPDATE RECORD
NO
292
RETURN RESULTS OF SEARCH OF ALL DATABASES TO USER

FIG. 12